

AMENDMENTS

In The Claims:

Please amend the claims as follows.

- 1 1.-22 (cancelled).
- 2 23. (Previously presented) A communication system comprising:
 - 3 (a) a hub for communicating at least one first signal and at least one second signal,
4 converting the first signal into a radio frequency with an appropriate format and
5 transmitting the first signal to conductive elements via an exciter;
 - 6 (b) a probe for receiving the first signal, converting the first signal into the second
7 signal and transmitting the second signal to the hub via the exciter;
8 wherein the conductive elements are conductive members selected from a
9 conductive frameworks, electrical wires, metal walls or any combination thereof; and
10 the conductive elements receive the second signal from the probe and transmit the
11 second signal to the exciter.
- 1 24. (Currently amended) The system recited in claim [4] 23, wherein the hub includes at
2 least one of a diplexer, a power amplifier, a transmitter, a receiver, a frequency converter, a
3 modem, a security controller, and a network processor.
- 1 25. (Currently amended) The system recited in claim [2] 24, wherein the security controller
2 processes signals from a camera or another hub comprising a receiver and a transmitter.

1 26. (Currently amended) The system recited in claim [+] 23, wherein at least one of the first
2 signal and the second signal are at a radio frequency between 0.5-100 MHz.

1 27. (Currently amended) The system recited in claim [+] 23, wherein at least one of the first
2 signal and the second signal includes information from at least one of a satellite television, a
3 cable television, an Internet provider, a computing device, a phone provider, a DVD player, a
4 computer, a television, DSL, and LAN.

1 28. (Currently amended) The system recited in claim [+] 23, wherein the hub is connected to
2 another hub by a hard wire or wirelessly.

1 29. (Currently amended) A communication method comprising the steps of:
2 (a) communicating at least one first signal and at least one second signal, converting
3 the first signal into a radio frequency with an appropriate format and transmitting the first
4 signal to conductive elements via an exciter by a hub;
5 (b) allowing a probe to receive the first signal, to convert the first signal into the
6 second signal and to transmit the second signal to the hub via the exciter;
7 wherein the conductive elements are conductive members selected from a set
8 including conductive frameworks, electrical wires, metal walls or any combination
9 thereof; and
10 the conductive elements receive the second signal from the [probe] probe and
11 transmit the second signal to the exciter.

1 30. (Currently amended) The method recited in claim [7] 29, wherein the hub includes at
2 least one of a diplexer, a power amplifier, a transmitter, a receiver, a frequency converter, a
3 modem, a security controller, and a network processor.

1 31. (Currently amended) The method recited in claim [8] 30, wherein the security controller
2 processes signals from a camera or another hub comprising a receiver and a transmitter.

1 32. (Currently amended) The method recited in claim [7] 29, wherein at least one of the first
2 signal and the second signal is at a radio frequency between 0.5-100 MHz.

1 33. (Currently amended) The method recited in claim [7] 29, wherein at least one of the first
2 signal and the second signal includes information from at least one of a satellite television, a
3 cable television, an Internet provider, a computing device, a phone provider, a DVD player, a
4 computer, a television, DSL, and LAN.

1 34. (Currently amended) The method recited in claim [7] 29, wherein the hub is connected to
2 another hub by a hard wire or wirelessly.

1 35. (Currently amended) A hub [~~utilizing~~] utilized for a communication system,
2 wherein the hub for communicating at least one first signal and at least one second
3 signal, converting the first signal into a radio frequency with an appropriate format and
4 transmitting the first signal to conductive elements via an exciter;

5 wherein the communication system includes a probe for receiving the first signal,
6 converting the first signal into the second signal and transmitting the second signal to
7 the hub via the exciter;
8 wherein the conductive elements are conductive members selected from a set including
9 conductive frameworks, electrical wires, metal walls or any combination thereof; and
10 the conductive elements receive the second signal from the [probe] probe and transmit
11 the second signal to the exciter.

1 36. (Currently amended) The hub recited in claim [43] 35, wherein the hub includes at least
2 one of a diplexer, a power amplifier, a transmitter, a receiver, a frequency converter, a modem, a
3 security controller, and a network processor.

1 37. (Currently amended) The hub recited in claim [44] 36, wherein the security controller
2 processes signals from a camera or another hub comprising a receiver and a transmitter.

1 38. (Currently amended) The hub recited in claim [43] 35, wherein at least one of the first
2 signal and the second signal is at a radio frequency between 0.5-100 MHz.

1 39. (Currently amended) The hub recited in claim [43] 35, wherein at least one of the first
2 signal and the second signal includes information from at least one of a satellite television, a
3 cable television, an Internet provider, a computing device, a phone provider, a DVD player, a
4 computer, a television, DSL, and LAN.

Serial No.: 10/770,650
Hub and Probe System
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- 1 40. (Currently amended) The hub recited in claim [43] 35, wherein the hub is connected to
- 2 another hub by a hard wire or wirelessly.